

26516C

Applied Physics A

Solids and Surfaces

**Volume A 54
1992**

Board of Editors

Y. Aoyagi, Wakoshi
H. H. Andersen, Copenhagen
D. Bäuerle, Linz
J. G. Bednorz, Rüschlikon
H. Coufal, San Jose, CA
V. Dose, Garching
W. Frank, Stuttgart
A. Hebard, Murray Hill, NJ
J. Heydenreich, Halle
Y. Horikoshi, Tokyo

G. Huber, Hamburg
E. Kay, San Jose, CA
N. C. Koon, Washington
H. K. V. Lotsch, Heidelberg
M. B. Maple, San Diego, CA
R. Osgood, New York, NY
H. J. Queisser, Stuttgart
M. Razeghi, Orsay
M. Stuke, Göttingen
W. Weppner, Stuttgart

Copyright

Submission of a manuscript implies: that the work described has not been published before (except in the form of an abstract or as part of a published lecture, review, or thesis); that it is not under consideration for publication elsewhere; that its publication has been approved by all coauthors, if any, as well as by the responsible authorities at the institute where the work has been carried out; that, if and when the manuscript is accepted for publication, the authors agree to automatic transfer of the copyright to the publisher; and that the manuscript will not be published elsewhere in any language without the consent of the copyright holders.

All articles published in this journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article (e.g., as offprints), as well as all translation rights. No material published in this journal may be reproduced photographically or stored on microfilm, in electronic data bases, video disks, etc., without first obtaining written permission from the publisher.

The use of general descriptive names, trade names, trademarks, etc., in this publication, even if not specifically identified, does not imply that these names are not protected by the relevant laws and regulations.

While the advice and information in this journal is believed to be true and accurate at the date of its going to press, neither the authors, the editors, nor the publisher can accept any legal responsibility for any errors or omissions that may be made. The publisher makes no warranty, express or implied, with respect to the material contained herein.

Special regulations for photocopies in the USA: Photocopies may be made for personal or in-house use beyond the limitations stipulated under Section 107 or 108 of U.S. Copyright Law, provided a fee is paid. This fee is US \$ 0.20 per page per copy, plus a basic fee of US \$ 2.00 per article. All fees should be paid to the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, USA, stating the ISSN 0721-7269, the volume, and the first and last page numbers of each article copied. The copyright owner's consent does not include copying for general distribution, promotion, new works, or resale. In these cases, specific written permission must first be obtained from the publisher.

Printers: Brühlsche Universitätsdruckerei, Giessen
Printed in Germany © by Springer-Verlag Berlin, Heidelberg 1992



Springer International

PHYSICS AND ASTRONOMY CLASSIFICATION SCHEME (PACS)

Shortened version for use in classifying papers for Applied Physics

General

- 02 Mathematical methods in physics
- 06 Measurement science and metrology
- 07 Specific instrumentation
 - 07.60 Optical instruments and techniques, detection of radiation
 - 07.65 Optical spectroscopy and spectrometers
 - 07.75 Mass spectrometers and mass-spectroscopy techniques
 - 07.80 Electron and ion microscopes and spectrometers; techniques
 - 07.85 X-ray and gamma-ray instruments and techniques

Atomic and molecular physics

- 32 Atomic spectra and interactions with photons
- 33 Molecular spectra and interactions of molecules with photons
- 34 Atomic and molecular collision processes and interactions
- 35 Experimentally derived information on atoms and molecules
- 36 Studies of special atoms and molecules (macro- and polymer molecules, clusters)

Fundamental areas of phenomenology (including applications)

- 41 Electricity and magnetism
- 42 Optics (*see also* 78)
 - 42.10 Propagation and transmission in homogeneous media
 - 42.20 Propagation and transmission in inhomogeneous media
 - 42.30 Optical information, image formation and analysis
 - 42.40 Holography
 - 42.50 Quantum optics
 - 42.55 Laser processes
 - C Pumping mechanisms
 - E Molecular gas lasers (CO_2 , CO, N_2O , formaldehyde)
 - G Excimer lasers
 - H Atomic, ionic, and other gas lasers
 - M Laser action in liquids and organic dyes
 - P Laser action in semiconductors
 - R Laser action in solid-state lasers
 - T Free-electron lasers
 - 42.60 Laser systems and laser-beam applications
 - B Design of specific laser systems
 - D Laser resonators, cavities, and amplifiers
 - E Laser beam deflection and focusing
 - F Laser beam modulation, mode locking, and tuning
 - 42.65 Nonlinear optics
 - 42.68 Atmospheric optics
 - 42.70 Optical materials
 - 42.80 Optical devices, techniques, and applications (including fiber and integrated optics)
- 43 Acoustics (*see also* 62)

Fluids, plasmas, and electric discharges

- 52 Physics of plasmas and electric discharges

Condensed matter: structure, mechanical and thermal properties

- 61 Structure of liquids and solids; crystallography (*for surface structure, see* 68.35; *for thin-film structure, see* 68.55)
 - 61.10 Determination of structures
 - 61.12 Neutron determination of structures
 - 61.14 Electron determination of structures
 - 61.16 Other determination of structures
 - 61.20 Liquid structures
 - 61.30 Liquid crystals
 - 61.40 Amorphous and polymer materials, glasses
 - 61.70 Defects in crystals
 - 61.80 Radiation damage and other irradiation effects
- 62 Mechanical and acoustical properties of condensed matter
- 63 Lattice dynamics and crystal statistics
- 64 Phase equilibria, and phase transitions
- 65 Thermal properties of condensed matter
- 66 Transport properties of condensed matter (nonelectronic)
 - 66.30 Diffusion and ionic conduction in solids

68 Surfaces and interfaces; thin films and whiskers

- 68.10 Fluid surfaces and fluid-fluid interfaces
- 68.15 Liquid thin films
- 68.35 Solid surfaces and solid-solid interfaces (including bicrystals)
- 68.45 Solid-fluid interfaces
- 68.55 Thin films: growth, structure, epitaxy and nonelectronic properties
- 68.65 Layer structures, intercalation compounds, and superlattices: growth, structure, and nonelectronic properties
- 68.70 Whiskers and dendrites: growth, structure, and nonelectronic properties

Condensed matter: electronic structure, electrical, magnetic, and optical properties

- 71 Electron states
- 72 Electronic transport
 - 72.15 Electronic phenomena in metals and alloys
 - 72.20 Conductivity phenomena in semiconductors and insulators
 - 72.40 Photoconduction and photovoltaic effects
 - 72.50 Acoustoelectric effects
 - 72.60 Mixed conductivity and conductivity transitions
 - 72.70 Noise processes and phenomena
- 73 Electronic structure and electrical properties of surfaces, interfaces, and thin films
 - 73.20 Electronic surface states
 - 73.25 Surface conductivity
 - 73.30 Surface double layers, Schottky barriers, and work functions
 - 73.40 Interfaces
 - 73.60 Electronic properties of thin films
- 74 Superconductivity
 - 74.70 Superconducting materials
- 75 Magnetic properties and materials
 - 75.70 Magnetic films and plates
- 76 Magnetic resonances and relaxation; Mössbauer effect
- 77 Dielectric properties and materials
 - 77.55 Dielectric thin films
- 78 Optical properties
 - 78.30 Infrared and Raman spectra
 - 78.65 Optical properties of thin films
 - 78.70 X-ray spectra and positron annihilation
- 79 Electron and ion emission by liquids and solids; impact phenomena
 - 79.20 Impact phenomena (including electron spectra and sputtering)
 - 79.40 Thermionic emission
 - 79.60 Photoemission and photoelectron spectra
 - 79.70 Field emission and field ionization

Cross-disciplinary physics

- 81 Materials science
 - 81.10 Methods of crystal growth and purification
 - 81.15 Methods of thin-film deposition
 - Z Laser deposition methods
 - 81.40 Treatment of materials and its effect on microstructure and properties
 - Z Laser machining
 - 81.60 Corrosion, oxidation, and surface treatments
 - Z Laser techniques, including ablation
- 82 Physical chemistry
 - 82.20 Chemical kinetics and chemical reactions
 - 82.30 Specific chemical reactions; reaction mechanisms
 - 82.40 Chemical kinetics and reactions: special regimes and techniques
 - Z Laser-induced reactions
 - 82.45 Electrochemistry and electrophoresis
 - 82.50 Photochemistry and radiation chemistry
 - 82.65 Surface processes
 - 82.70 Dispersive systems
 - 82.80 Chemical analysis and related physical methods of analysis
- 84 Electromagnetic technology
 - 84.60 Direct energy conversion and energy storage
- 85 Electrical and magnetic devices
 - 85.30 Semiconductor devices
 - 85.40 Integrated electronics
 - 85.60 Photoelectric and optoelectronic devices and systems
 - 85.80 Electrochemical, thermo-EM, and other devices
- 87 Biophysics (biological effects of radiation)

A classified index for Volumes 1-25 can be found in Appl. Phys. 25, 367-453 (1981), one for Volume 26-40 in Appl. Phys. A 40/4 (August 1986), and an earlier index for Volumes 1-15 at the end of Appl. Phys. 15, (May 1978)

Contents of Applied Physics A 54

This listing presents the papers in alphabetical order of the first author, subdivided into the sections "Solids and Materials: Physical and Chemical Properties" and "Surfaces and Multilayers: Growth, Modification, and Integration". The Author Index that follows covers **Applied Physics A** and **B**, and is presented in tabular form. The names are listed in alphabetical order in the first column. The second and third columns contain the bibliographic data necessary to locate the paper. The issue is specified by the number separated from the volume number by a slash. The PACS numbers given in the fourth column may be used in conjunction with the PACS listing on the left to infer the topic of a paper.

Solids and Materials

- Blatter A., Faller M., Allmen von M., Bührer W.:
Scattering study of vitrifying Cr-Ti solutions.
Appl. Phys. A 54/1, 26-30 (1992) PACS: 81.30H 61.12 61.55
- Boquillon J.P., Said J.:
Flashlamp-pumped Ti:sapphire laser with different rods grown by Czochralski and Verneuil methods.
Appl. Phys. A 54/4, 384-388 (1992) PACS: 42.55R
- Brusa R.S., Dupasquier A., Galvanetto E., Zecca A.:
Experimental study of positron motion in kapton.
Appl. Phys. A 54/3, 233-238 (1992) PACS: 66.30 71.60 78.70
- Cruz R.M. de la, Pareja R., Segura A., Moser P., Chevy A.:
Positrons and electron-irradiation induced defects in the layered semiconductor InSe.
Appl. Phys. A 54/2, 147-151 (1992) PACS: 78.70B 61.80 72.80
- Coffa S., Jacobson D.C., Poate J.M., Priolo F.:
Mechanism of ion-beam-enhanced diffusion in amorphous silicon.
Appl. Phys. A 54/6, 481-484 (1992) PACS: 72.80 61.80 66.30
- Dobryakov A.L., Lozovik Yu.E., Puzetzy A.A., Letokhov V.S.:
Comments on small superconducting clusters.
Appl. Phys. A 54/1, 100-102 (1992) PACS: 71.10 74.65
- Fagotto E.A.M., Costa C.H.C.R., Decker F., Fracastoro-Decker M.:
Thermal wave electroacoustic calorimetry in a Si photovoltaic cell.
Appl. Phys. A 54/1, 1-5 (1992) PACS: 72.50 78.20
- Foerster C.E., Amaral L., Moncoffre N., Behar M.:
Effects of Kr post-bombardment on carbonitrides produced in a low carbon nitrogen-implanted steel.
Appl. Phys. A 54/3, 252-232 (1992) PACS: 61.70T 76.80 78.90
- Guidotti D., Wilman J.G., Ricci A.J.:
An optical bridge reflectometer for sensitive measurement of ion implantation dose.
Appl. Phys. A 54/6, 570-572 (1992) PACS: 06.70D 42.80 89.20
- Hohenstein M.:
Single sideband imaging in high-resolution electron microscopy.
Appl. Phys. A 54/6, 485-492 (1992) PACS: 07.80 61.60
- Hunt A.:
A method for distinguishing power-law and approximate power-law behavior in glassy relaxation: Ionic conducting glasses.
Appl. Phys. A 54/6, 508-510 (1992) PACS: 66.10 66.30
- Ivanov-Shitz A.K., Buchstab A.S., Aityan S.K., Kohler H.-H.:
Molecular dynamics simulation of the superionic conductor BaF₂.
Appl. Phys. A 54/3, 251-257 (1992) PACS: 63.00 64.00 66.30
- Jauregui J., Matthias E.:
Thermal diffusivities measured by photodisplacement detection of transient thermal gratings.
Appl. Phys. A 54/1, 35-39 (1992) PACS: 44.50 65.70
- JIN Hua, HU Zhuangqi, LIU Qingmin, GE Yunlong, SHI Changxu:
Crystallization process of Bi(Pb)-Sr-Ca-Cu-O glass.
Appl. Phys. A 54/5, 399-403 (1992) PACS: 74.70 81.20 81.40
- Kocevar P., Flores F.:
On the possibility of wake-field effects in the conductivity of doped semiconductors.
Appl. Phys. A 54/2, 132-138 (1992) PACS: 72.20H 71.45
- Lau F.:
Modeling of polysilicon diffusion sources during rapid optical annealing.
Appl. Phys. A 54/2, 139-146 (1992) PACS: 66.30J 64.75
- Lewis W.B.:
Single crystal EPR spectrum of Cr³⁺ in lanthanum lutecium gallium garnet.
Appl. Phys. A 54/1, 31-34 (1992) PACS: 76.30F 42.70 42.55
- Lim A.S., Atrens A.:
ESCA studies of Cr-Co alloys.
Appl. Phys. A 54/3, 270-278 (1992) PACS: 68.45 81.60
- Lim A.S., Atrens A.:
ESCA studies of Ni-Cr alloys.
Appl. Phys. A 54/4, 343-349 (1992) PACS: 68.45 81.60
- Lim A.S., Atrens A.:
ESCA studies of Fe-Ti alloys.
Appl. Phys. A 54/6, 500-507 (1992) PACS: 68.45 81.60
- Lukes I., Sasik R., Cerny R.:
Study of excimer-laser-induced melting and solidification of Si by time-resolved reflectivity measurements.
Appl. Phys. A 54/4, 327-333 (1992) PACS: 42.20 05.70 02.60
- Mills Jr. A.P., Karl N., Zuckerman D.M., Passner J., Hensel J., Beling C.D.:
Positron mobility in anthracene.
Appl. Phys. A 54/1, 22-25 (1992) PACS: 78.70B 71.60 36.10
- Mück M., Becker Th.:
Noise properties of SQUIDS with superconductor-semiconductor-superconductor proximity effect Josephson junctions.
Appl. Phys. A 54/1, 47-50 (1992) PACS: 74.50
- Mück M., Heiden C.:
Planar microwave biased RF-SQUIDS in niobium technology.
Appl. Phys. A 54/6, 475-480 (1992) PACS: 74.50 85.25
- Müller G., Krötz G.:
Defects and impurities in amorphous semiconductors and in liquid electrolytes.
Appl. Phys. A 54/1, 40-46 (1992) PACS: 61.40 71.55 82.60
- Munidasu M., Mandelis A., Ferguson C.:
Resolution of photothermal tomographic imaging of subsurface defects in metals with ray optic reconstruction.
Appl. Phys. A 54/3, 244-250 (1992) PACS: 07.68 81.70 77.70
- Osipov A.V., Ovid'ko I.A.:
Diffusion-induced decay of disclinations and solid-state amorphization in mechanically alloyed materials.
Appl. Phys. A 54/6, 517-519 (1992) PACS: 61.70 62.20 64.70
- Paje S.E., Llopis J., Zayas M.E., Rivera E., Clark A., Rincon J.Ma.:
Photoluminescence in ZnO-CdO-SiO₂ glasses.
Appl. Phys. A 54/3, 239-243 (1992) PACS: 78.55H
- Parisini A., Nobili D., Armigliato A., Derdour M., Moro L., Solmi S.:
High-temperature thermal evolution of SiAs precipitates in silicon.
Appl. Phys. A 54/3, 221-224 (1992) PACS: 61.70 64.00 72.20
- Pollnau M., Heumann E., Huber G.:
Time-resolved spectra of excited-state absorption in Er³⁺ doped YAlO₃.
Appl. Phys. A 54/5, 404-410 (1992) PACS: 07.65 35.00 42.55
- Prasad K.:
Investigation of ruthenium Schottky contacts to n-GaAs.
Appl. Phys. A 54/6, 493-496 (1992) PACS: 73.30 72.80
- Reggiani L., Kuhn T., Varani L.:
Noise and correlation functions of hot carriers in semiconductors.
Appl. Phys. A 54/5, 411-427 (1992) PACS: 05.40 72.70 72.20 72.80
- Riera J., Segura A., Chevy A.:
Transport properties of silicon doped n-indium selenide.
Appl. Phys. A 54/5, 428-430 (1992) PACS: 71.55 72.20 73.20
- Rimini-Döring M., Hangleiter A., Winkler S., Klötzer N.:
Non-equilibrium generation-recombination noise in InGaAs/InP photo-diodes.
Appl. Phys. A 54/2, 120-123 (1992) PACS: 72.70 73.40
- Schaper C.D., Cho Y.M., Kailath T.:
Low-order modeling and dynamic characterization of rapid thermal processing.
Appl. Phys. A 54/4, 317-326 (1992) PACS: 81.40
- Schick K., Daub E., Finkbeiner S., Würfel P.:
Verification of a generalized Planck law for luminescence radiation from silicon solar cells.
Appl. Phys. A 54/2, 109-114 (1992) PACS: 78.20 78.60
- Sedykh V., Strukova G.K., Zverkova I.I., Korgeov V.P., Shekhtman V.Sh.:
Stable tetragonal HTSC Fe-doped 1-2-3 phase with oxygen excess.
Appl. Phys. A 54/6, 497-499 (1992) PACS: 74.70V 76.80
- Shafeyev G.A., Simakhin A.V.:
Spatially confined laser-induced damage of Si under a liquid layer.
Appl. Phys. A 54/4, 311-316 (1992) PACS: 68.45 81.40 85.30
- Srinivasan M.R., Bhat H.L., Narayanan P.S.:
Electrical, thermal and infrared studies on semicarbazide hydrochloride and semicarbazide hydrobromide.
Appl. Phys. A 54/3, 258-260 (1992) PACS: 65.90 77.20 77.80 78.30

- Theodore N.D., Alford T.L., Carter C.B., Mayer J.W., Cheung N.W.:
TEM analysis of the influence of dose on damage behavior in MeV Au²⁺-implanted silicon.
Appl. Phys. A 54/2, 124-131 (1992) PACS: 81.40 61.70 61.80
- Tietze-Jaensch H., Sieger D., Geick R., Zulehner W., Geyer A. de:
Small angle neutron scattering from oxygen precipitates in silicon: Dependence on the initial oxygen content.
Appl. Phys. A 54/1, 19-21 (1992) PACS: 61.12D 72.10 78.50
- Torres R., Munoz J.M., Francisco C. de:
Microwave surface resistance measurement in superconducting pellets.
Appl. Phys. A 54/6, 511-516 (1992) PACS: 74.30 74.70
- Umemura K.:
Measurement of energy spread and angular intensity of a cesium liquid metal ion source.
Appl. Phys. A 54/2, 115-119 (1992) PACS: 29.25C 79.70 41.80
- Velinov T., Gusev V., Bransalov K.:
Non-stationary heat conduction of a porous medium: Photo-acoustic approach.
Appl. Phys. A 54/1, 6-18 (1992) PACS: 44.30 81.70
- Wu K., Chen C.:
Absorption-edge calculations of inorganic nonlinear optical crystals.
Appl. Phys. A 54/3, 209-220 (1992) PACS: 78.20D 42.70
- Zerza G., Sliwinski G., Schwentner N.:
Relaxation-oscillations in the C→A laser emission of XeF of Ar crystals.
Appl. Phys. A 54/1, 106-108 (1992) PACS: 42.50 42.55 42.60
- ZHANG Xiumiao:
Description of non-equilibrium phenomena in pulsed MOS capacitors.
Appl. Phys. A 54/5, 395-398 (1992) PACS: 73.40Q 85.30 81.70
- ## Surfaces and Multilayers
- Amiotti M., Bellandi E., Borghesi A., Piaggi A., Guizzetti G., Nava F., Queirolo G.:
Influence of annealing temperature on structural, electrical and optical properties of WS₂.
Appl. Phys. A 54/2, 181-185 (1992) PACS: 81.40T 81.40 78.65
- Anagnostakis E.A.:
Photoconductive response of GaAs epitaxial layers.
Appl. Phys. A 54/1, 68-71 (1992) PACS: 73.40L 72.40 72.20 72.80
- Bergmann R., Czech E., Silier I., Nagel N., Bauser E., Queisser H.-J.:
MOS transistors with epitaxial Si, laterally grown over SiO₂ by liquid phase epitaxy.
Appl. Phys. A 54/1, 103-105 (1992) PACS: 68.55 73.40 85.30
- Bosch S.:
Optimized procedure for the manufacture of thin film filter prototypes.
Appl. Phys. A 54/5, 431-436 (1992) PACS: 78.65 81.15 68.55
- Brandt M.S., Breitschwerdt A., Fuchs H.D., Höpner A., Rosenbauer M., Stutzmann M., Weber J.:
New growth technique for luminescent layers on silicon.
Appl. Phys. A 54/6, 567-569 (1992) PACS: 68.55 68.65 78.55
- Burg E. von der, Diegel M., Stafast H., Grill W.:
Y₁Ba₂Cu₃O_{7-x} thin films from KrF laser ablation with substrate heating and in situ patterning by CO₂ laser radiation.
Appl. Phys. A 54/4, 373-379 (1992) PACS: 73.60K 81.15 81.40
- Chakrabarti P., Pal J.:
Optically controlled characteristics of a new heterojunction field effect transistor.
Appl. Phys. A 54/2, 186-190 (1992) PACS: 73.40 73.50
- Cruz H., Muga J.G.:
Coherent electron tunneling in triple coupled quantum wells.
Appl. Phys. A 54/2, 178-180 (1992) PACS: 73.40G 72.20 72.80
- Davanloo F., Juengerman E.M., Jander D.R., Lee T.J., Collins C.B., Matthias E.:
Mass flow in laser-plasma deposition of carbon under oblique angles of incidence.
Appl. Phys. A 54/4, 369-372 (1992) PACS: 52.50J 81.15
- Diemeer M.B.J., Hendriksen B., Suyten F.M.M.:
Dielectric relaxation measurements on nonlinear side-chain polymers.
Appl. Phys. A 54/5, 466-469 (1992) PACS: 77.40 77.55 61.41
- Emel'yanov V.I., Soumbatov A.A.:
Diffusion-deformational instability and subboundary formation in the recrystallization of semiconductor-on-insulator films.
Appl. Phys. A 54/2, 196-199 (1992) PACS: 68.48
- Emmerich R., Bauer S., Ploss B.:
Temperature distribution in a film heated with a laser spot: Theory and measurement.
Appl. Phys. A 54/4, 334-339 (1992) PACS: 07.20 07.62 44.50
- Fadel M., Negem A., Metwally H., Afifi M.A.:
Electrical and thermal properties of Ge₄₀S₆₀ films.
Appl. Phys. A 54/3, 288-292 (1992) PACS: 77.20 65.90
- Fleischer M., Giber J., Meixner H.:
H₂-induced changes in electrical conductance of a-Ga₂O₃ thin-film systems.
Appl. Phys. A 54/6, 560-566 (1992) PACS: 73.25 73.60
- Fuh A.Y.G.:
Modification of local magnetic properties of steel surfaces by a Q-switched Nd:YAG laser beam.
Appl. Phys. A 54/2, 176-177 (1992) PACS: 81.60B 81.40 75.30
- Handoo A.K., Ray P.K.:
Sputtering yield of chromium by argon and xenon ions with energies from 50 to 500 eV.
Appl. Phys. A 54/1, 92-94 (1992) PACS: 79.20N 29.25
- HUANG Yong-Zhen, WANG Chi-Ming:
Resonant tunneling, eigenvalue and energy band calculation for potential and periodic potential structures.
Appl. Phys. A 54/2, 191-195 (1992) PACS: 73.20 73.40
- HUANG Yong-Zhen, WANG Chi-Ming:
Modeling of electron tunneling times in asymmetric double quantum wells.
Appl. Phys. A 54/3, 308-310 (1992) PACS: 73.40G 73.40
- Hübner R., Teixeira S.R., Schreiner W.H., Baumvol J.J.R.:
Composition and magnetic properties of Fe/Fe_xN thin film multilayers.
Appl. Phys. A 54/5, 437-441 (1992) PACS: 68.50 75.70
- Ihleemann J., Wolff B., Simon P.:
Nanosecond and femtosecond excimer laser ablation of fused silica.
Appl. Phys. A 54/4, 363-368 (1992) PACS: 42.60 42.70 81.40
- Jusko O., Köhler U., Pietsch G.J., Müller B., Henzler M.:
Trench formation in surfactant mediated epitaxial film growth of Ge on Si(100).
Appl. Phys. A 54/3, 265-269 (1992) PACS: 68.55 61.16 61.70
- Kantor Z., Toth Z., Szörenyi T.:
Laser induced forward transfer: The effect of support-film interface and film-to-substrate distance on transfer.
Appl. Phys. A 54/2, 170-175 (1992) PACS: 42.60K 78.90 81.15 81.30
- Khan M.S.R., Reza A.:
Optical and electrical properties of optimized thin gold films as top layer of MIS solar cells.
Appl. Phys. A 54/2, 204-207 (1992) PACS: 73.60 78.70 68.55
- Kokai F., Amano K., Ota H., Umemura F.:
XeCl laser ablation of yttria stabilized zirconia.
Appl. Phys. A 54/4, 340-342 (1992) PACS: 81.40 82.80
- Laet J. De, Vanhellemont J., Terry H., Vereecken J.:
Characterization of various aluminium oxide layers by means of spectroscopic ellipsometry.
Appl. Phys. A 54/1, 72-78 (1992) PACS: 07.60F 68.55 81.60
- Lankard Sr. J.R., Wolbold G.:
Excimer laser ablation of polyimide in a manufacturing facility.
Appl. Phys. A 54/4, 355-359 (1992) PACS: 42.60B 81.60
- Ledentsov N.N., Tsukada N., Ploog K.:
Carbon acceptor luminescence in type-I GaAs/AlAs ultrathin-layer superlattices.
Appl. Phys. A 54/3, 261-264 (1992) PACS: 73.20D 73.20 78.65
- Lu Y.-F., Takai M., Nagatomo S., Kato K., Namba S.:
Direct writing of Ag-lines on Mn-Zn ferrite by laser-induced thermal decomposition of CH₃COOAg.
Appl. Phys. A 54/1, 51-56 (1992) PACS: 81.40 82.65
- Mitani K., Gösele U.M.:
Formation of interface bubbles in bonded silicon wafers: A thermodynamic model.
Appl. Phys. A 54/6, 543-552 (1992) PACS: 68.35M 68.35 81.90
- Müller W., Bolse W., Lieb K.P., Shi F., Weber Th.:
Ion beam induced modifications of TiN and Ti films on Al-3 Mg substrates.
Appl. Phys. A 54/1, 84-91 (1992) PACS: 79.20
- Perkins F.K., Onellion M., Lee S., Li D., Mazurowski J., Dowben P.A.:
Synchrotron-radiation-induced deposition of boron and boron carbide films from boranes and carboranes II: Nido-2, 3-diethyl-2,3-dicarba-hexaborane.
Appl. Phys. A 54/5, 442-450 (1992) PACS: 81.15G 82.30 79.60
- Petitjean M., Proust N., Chapeaublanc J.-F., Perrin J.:
UV-CVD deposited SiNH films on InP: Optimization of the physico-chemical and interface properties.
Appl. Phys. A 54/1, 95-99 (1992) PACS: 81.15G 85.50 85.30
- Phillips H.M., Callahan D.L., Sauerbrey R., Szabo G., Bor Z.:
Direct laser ablation of sub-100 nm line structures into polyimide.
Appl. Phys. A 54/2, 158-165 (1992) PACS: 81.60J 07.60

- Pirzer M., Lux-Steiner M.Ch., Bucher E.:
Influence of the growth conditions on the structural, optical, and electrical properties of ZnSe films.
Appl. Phys. A 54/5, 455-459 (1992) PACS: 61.10 78.55 72.80
- Prasad K.:
Formation of ohmic contacts to n-GaAs using ion beam mixing of tellurium.
Appl. Phys. A 54/6, 523-526 (1992) PACS: 73.40C
- Preuss S., Stafast H.:
CO₂ laser CVD of copper lines with twofold periodic structures.
Appl. Phys. A 54/2, 152-157 (1992) PACS: 73.60D 81.15 82.30
- Preuss S., Langowski H.-C., Damm T., Stuke M.:
Incubation/ablation patterning of polymer surfaces with sub- μ m edge definition for optical storage devices.
Appl. Phys. A 54/4, 360-362 (1992) PACS: 42.30N 81.60 82.50
- Rao V.J., Chaudhari G.N.:
Epitaxial growth of lattice mismatched SrF₂ films on (100) GaAs.
Appl. Phys. A 54/3, 284-287 (1992) PACS: 81.10 81.15 68.55
- Redel T., Eberlein J., Tkotz R., Hartmann W., Stetter M., Stark R., Frank K., Christiansen J.:
Schlieren diagnostics of pulsed electron beam ablation of polymethylmethacrylate.
Appl. Phys. A 54/6, 520-522 (1992) PACS: 52.50 52.80 81.15
- Ren C.X., Chen J.M., Li Y.J., Yang J., Zhang J.H., Chen Y.X., Chen Z.X., Wang L., Zou S.C.:
Epitaxial growth of YBa₂Cu₃O_{7- δ} Superconducting thin films by DC magnetron sputtering using a partially melted sintered target.
Appl. Phys. A 54/3, 303-307 (1992) PACS: 74.75 81.15
- Röwekamp M., Goehlich A., Döbele H.F.:
Diagnostics of sputtering processes of carbon and carbides by laser-induced fluorescence spectroscopy in the VUV at 166 nm.
Appl. Phys. A 54/1, 61-67 (1992) PACS: 79.20N 32.50 42.65
- Schwab P., Kochemasov A., Kullmer R., Bäuerle D.:
The influence of photodissociated N₂O in pulsed-laser deposition of Y-Ba-Cu-O films.
Appl. Phys. A 54/2, 166-169 (1992) PACS: 74.70 81.15 82.50
- Schwenke H., Gutschke R., Knoth J., Kock M.:
Treatment of roughness and concentration gradients in total reflection X-ray fluorescence analysis of surfaces.
Appl. Phys. A 54/5, 460-465 (1992) PACS: 07.85 68.35 81.60 82.80
- Serna R., Afonso C.N., Catalina F., Teixeira N., Silva M.F. da, Soares J.C.:
Interdiffusion at Sb/Ge interfaces in thin multilayer films by nanosecond laser irradiation.
Appl. Phys. A 54/6, 538-542 (1992) PACS: 68.22 78.47 78.70
- Sha J., Wang N.L., Zhu C.F., He Z.H., Chen X.H., Zhou G.E., Cao L.Z., Zhang Q.R., Li H.C.:
Vortex glass phase and flux creep in YBa₂Cu₃O₇ epitaxial film.
Appl. Phys. A 54/3, 300-302 (1992) PACS: 74.60G 74.70
- Solis J., Ortiz C., Afonso C.N., Catalina F.:
Optical contrast by laser-induced phase changes: Real time optical measurement of fast transformation times.
Appl. Phys. A 54/3, 279-283 (1992) PACS: 42.30 61.80 42.60
- Sugioka K., Tōyoda K.:
Selective deposition of Au films on GaAs by projection-patterned excimer laser doping combined with electroless plating.
Appl. Phys. A 54/4, 380-383 (1992) PACS: 61.70T 70.90 81.15
- Sulewski P.E., Bucher E., Stücheli N., Oglesby C.S., Friemelt K., Vögt M., Baumann J.R., Kloc Ch.:
Search for giant Franz-Keldysh-like effects in GaSe and other layered semiconductors.
Appl. Phys. A 54/1, 79-83 (1992) PACS: 78.20J 78.65 42.70
- Sürgers C., Löhneysen H. von:
Effect of oxygen segregation on the surface structure of single-crystal-line niobium films on sapphire.
Appl. Phys. A 54/4, 350-354 (1992) PACS: 61.14H 68.20 68.55
- Swarnalatha M., Stewart A.F., Guenther A.H., Carniglia C.K.:
Optical and structural properties of thin films deposited from laser fused zirconia, hafnia, and yttria.
Appl. Phys. A 54/6, 533-537 (1992) PACS: 78.65 68.55 81.40
- Theodore N.D., Alford T.L., Barbour J.C., Carter C.B., Mayer J.W.:
TEM characterization of yttrium silicide layers synthesized by ion implantation.
Appl. Phys. A 54/6, 527-532 (1992) PACS: 61.10 61.70 68.55
- Thomas B.:
Effect of in situ post-deposition annealing on the formation of alpha-In₂Se₃ thin films grown by elemental evaporation.
Appl. Phys. A 54/3, 293-299 (1992) PACS: 68.55 73.60 78.65 81.15
- Tse W.S., Chen R.H., Ares Fang C.S., Chen J.R.:
Alloying behavior at AuGeNi/GaSb interface: Photoemission studies of the effects of annealing temperature.
Appl. Phys. A 54/6, 556-559 (1992) PACS: 73.40 82.80 85.30
- Ugolini D., Eitle J., Oelhafen P.:
Electron spectroscopy measurements of hydrogen implanted graphite and comparison to amorphous hydrogenated carbon films (a-C:H).
Appl. Phys. A 54/1, 57-60 (1992) PACS: 79.20 79.60 73.60
- Vaitkus J., Petrauskas M., Tomasiunas R., Masteika R.:
Photoconductivity of highly excited A^{IV}B^{VI} thin films.
Appl. Phys. A 54/6, 553-555 (1992) PACS: 72.20 73.40 71.30
- Wendel H., Suhr H.:
Thin zirconium nitride films prepared by plasma-enhanced CVD.
Appl. Phys. A 54/4, 389-392 (1992) PACS: 81.15G 52.90 68.55
- Yamaga M., Henderson B., O'Donnell K.P., Takeuchi H.:
EPR and optical spectroscopy of Cr³⁺ ions in Y₃Ga₅O₁₂ crystalline thin films.
Appl. Phys. A 54/5, 470-473 (1992) PACS: 71.70 42.55
- ZHANG Xiumiao:
Inversion layer resistance in silicon inversion layer solar cells.
Appl. Phys. A 54/2, 200-203 (1992) PACS: 73.40Q 84.60
- Zhao Y.-W., Suhr H.:
Thin films of magnesium oxide prepared by plasma-enhanced chemical vapour deposition.
Appl. Phys. A 54/5, 451-454 (1992) PACS: 81.15G 52.90 68.55

Name	First Author	Applied Physics	PACS	Name	First Author	Applied Physics	PACS
Afifi M.A.	Fadel M.	A 54/3, 288-292 (1992)	77.20	Chebotaev V.P.	Bennett W.R.	B 54/6, 552-555 (1992)	42.55B
Afonso C.N.	Solis J.	A 54/3, 279-283 (1992)	42.30	Chen C.	Wu K.	A 54/3, 209-220 (1992)	78.20D
Afonso C.N.	Serna R.	A 54/6, 538-542 (1992)	68.22	Chen J.M.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Aitany S.K.	Ivanov-Shitz A.K.	A 54/3, 251-257 (1992)	63.00	Chen J.R.	Tse W.S.	A 54/6, 556-559 (1992)	73.40
Albers P.	Pfister C.	B 54/1, 83-88 (1992)	42.60F	Chen R.H.	Tse W.S.	A 54/6, 556-559 (1992)	73.40
Alford T.L.	Theodore N.D.	A 54/2, 124-131 (1992)	81.40	Chen X.H.	Sha J.	A 54/3, 300-302 (1992)	74.60G
Alford T.L.	Theodore N.D.	A 54/6, 527-532 (1992)	61.10	Chen Y.X.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Allmen von M.	Blatter A.	A 54/1, 26-30 (1992)	81.30H	Chen Z.X.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Amano K.	Kokai F.	A 54/4, 340-342 (1992)	81.40	Chernykh V.A.	Buritskii K.S.	B 54/2, 167-169 (1992)	42.80
Amaral L.	Foerster C.E.	A 54/3, 252-232 (1992)	61.70T	Cheung N.W.	Theodore N.D.	A 54/2, 124-131 (1992)	81.40
Amiotti M.	Amiotti M.	A 54/2, 181-185 (1992)	81.40T	Chevy A.	Cruz R.M. de la	A 54/2, 147-151 (1992)	78.70B
Anagnostakis E.A.	Anagnostakis E.A.	A 54/1, 68-71 (1992)	73.40L	Chevy A.	Riera J.	A 54/5, 428-430 (1992)	71.55
Ares Fang C.S.	Tse W.S.	A 54/6, 556-559 (1992)	73.40	Chini G.	Bettermann H.	B 54/3, 216-220 (1992)	31.50
Arimondo E.	Mauri F.	B 54/5, 420-427 (1992)	32.80	Cho Y.M.	Schaper C.D.	A 54/4, 317-326 (1992)	81.40
Armigliato A.	Parisini A.	A 54/3, 221-224 (1992)	61.70	Christiansen J.	Redel T.	A 54/6, 520-522 (1992)	52.50
Arnold A.	Ketterle W.	B 54/2, 109-112 (1992)	82.50	Chu S.	Kasevich M.	B 54/5, 321-332 (1992)	32.80P
Asaumi K.	Asaumi K.	B 54/4, 265-270 (1992)	42.65	Cimmino A.	Opat G.I.	B 54/5, 396-402 (1992)	35.10D
Astill A.G.	Mann B.A.	B 54/4, 271-277 (1992)	82.40P	Clark A.	Paje S.E.	A 54/3, 239-243 (1992)	78.55H
Atrens A.	Lim A.S.	A 54/3, 270-278 (1992)	68.45	Clauser J.F.	Clauser J.F.	B 54/5, 380-395 (1992)	67.60L
Atrens A.	Lim A.S.	A 54/4, 343-349 (1992)	68.45	Coffa S.	Coffa S.	A 54/6, 481-484 (1992)	72.80
Atrens A.	Lim A.S.	A 54/6, 500-507 (1992)	68.45	Cohen-Tannoudji C.	Wallis H.	B 54/5, 407-419 (1992)	32.80P
Audretsch J.	Audretsch J.	B 54/5, 351-354 (1992)	67.60L	Collins C.B.	Davanloo F.	A 54/4, 369-372 (1992)	52.50J
Axner O.	Axner O.	B 54/2, 144-155 (1992)	34.90	Costa C.H.C.R.	Fagotto E.A.M.	A 54/1, 1-5 (1992)	72.50
Babin F.	Babin F.	B 54/1, 35-45 (1992)	52.80H	Coulter D.R.	Wei T.H.	B 54/1, 46-51 (1992)	33.00
Balykin V.	Sleator T.	B 54/5, 375-379 (1992)	32.80	Cruz H.	Cruz H.	A 54/2, 178-180 (1992)	73.40G
Barbour J.C.	Theodore N.D.	A 54/6, 527-532 (1992)	61.10	Cruz R.M. de la	Cruz R.M. de la	A 54/2, 147-151 (1992)	78.70B
Baudon J.	Miniatura Ch.	B 54/5, 347-350 (1992)	32.60	Czech E.	Bergmann R.	A 54/1, 103-105 (1992)	68.55
Bauer-Gogonea S.	Bauer S.	B 54/6, 544-551 (1992)	67.62	Dai L.-K.	Dai L.-K.	B 54/1, 57-70 (1992)	42.65
Bäuerle D.	Schwab P.	A 54/2, 166-169 (1992)	74.70	Dai L.-K.	Dai L.-K.	B 54/2, 156-166 (1992)	42.65
Bäuerle D.	Toth Z.	B 54/3, 189-192 (1992)	42.60	Dalibard J.	Wallis H.	B 54/5, 407-419 (1992)	32.80P
Bauer S.	Emmerich R.	A 54/4, 334-339 (1992)	67.20	Dan P.	Preuss S.	A 54/4, 360-362 (1992)	42.30N
Bauer S.	Bauer S.	B 54/6, 544-551 (1992)	67.62	Datsyuk V.V.	Liou H.T.	B 54/3, 221-226 (1992)	42.50
Baumann J.R.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J	Daub E.	Schick K.	B 54/2, 184-187 (1992)	42.65
Baumvol I.J.R.	Hübner R.	A 54/5, 437-441 (1992)	68.50	Davanloo F.	Davanloo F.	A 54/4, 369-372 (1992)	52.50J
Bausser E.	Bergmann R.	A 54/1, 103-105 (1992)	68.55	Davila J.	Weigand R.	B 54/6, 516-525 (1992)	82.50
Bava E.	Bava E.	B 54/6, 500-505 (1992)	32.80	Davis C.R.	Davis C.R.	B 54/3, 227-230 (1992)	78.65H
Becker Th.	Mück M.	A 54/1, 47-50 (1992)	74.50	Decker F.	Fagotto E.A.M.	A 54/1, 1-5 (1992)	72.50
Behar M.	Foerster C.E.	A 54/3, 252-232 (1992)	61.70T	Dem'yanov A.V.	Longo S.	B 54/3, 239-245 (1992)	42.55G
Beling C.D.	Mills Jr. A.P.	A 54/1, 22-25 (1992)	78.70B	Dennis M.L.	Dennis M.L.	B 54/4, 278-287 (1992)	42.55D
Bellandi E.	Amiotti M.	A 54/2, 181-185 (1992)	81.40T	Derdour M.	Parisini A.	A 54/3, 221-224 (1992)	61.70
Bennett W.R.	Bennett W.R.	B 54/6, 552-555 (1992)	42.55B	Desaintfussien M.	Desaintfussien M.	B 54/3, 246 (1992)	32.70
Bergmann R.	Bergmann R.	A 54/1, 103-105 (1992)	68.55	Deutsch T.F.	Zweig A.D.	B 54/1, 76-82 (1992)	81.60J
Bettermann D.	Sterr U.	B 54/5, 341-346 (1992)	32.80	Dianov E.M.	Dianov E.M.	B 54/2, 175-180 (1992)	42.65
Bettermann H.	Bettermann H.	B 54/3, 216-220 (1992)	31.50	Dianov E.M.	Buritskii K.S.	B 54/2, 167-169 (1992)	42.80
Bhat H.L.	Srinivasan M.R.	A 54/3, 258-260 (1992)	65.90	Diegel M.	Burg E. von der	A 54/4, 373-379 (1992)	73.60K
Blatt R.	Blatter A.	B 54/3, 246 (1992)	32.70	Diels J.-C.	Dennis M.L.	B 54/4, 278-287 (1992)	42.55D
Blatter A.	Blatter A.	A 54/1, 26-30 (1992)	81.30H	Diemeer M.B.J.	Diemeer M.B.J.	A 54/5, 466-469 (1992)	77.40
Bogdan M.	Kopieczynski T.L.	B 54/6, 526-530 (1992)	52.00	Döbele H.F.	Röwekamp M.	A 54/1, 61-67 (1992)	79.20N
Boiteux S. Le.	Miniatura Ch.	B 54/5, 347-350 (1992)	32.60	Dobryakov A.L.	Dobryakov A.L.	A 54/1, 100-102 (1992)	71.10
Boise W.	Müller W.	A 54/1, 84-91 (1992)	79.20	Dowben P.A.	Perkins F.K.	A 54/5, 442-450 (1992)	81.15G
Boquillon J.P.	Boquillon J.P.	A 54/4, 384-388 (1992)	42.55R	Draxler S.	Sharma A.	B 54/4, 309-312 (1992)	33.00
Borghesi A.	Amiotti M.	A 54/2, 181-185 (1992)	81.40T	Dressel M.	Hilrichs G.	B 54/3, 208-215 (1992)	78.90
Bor Z.	Phillips H.M.	A 54/2, 158-165 (1992)	81.60J	Dumont M.	Sekkat Z.	B 54/5, 486-489 (1992)	82.40
Bor Zs.	Racz B.	B 54/6, 513-515 (1992)	42.55G	Dupasquier A.	Brusa R.S.	A 54/3, 233-238 (1992)	66.30
Bosch S.	Bosch S.	A 54/5, 431-436 (1992)	78.65	Eberlein J.	Redel T.	A 54/6, 520-522 (1992)	52.50
Böttcher W.	Böttcher W.	B 54/4, 295-302 (1992)	42.55G	Efthimiopoulos T.	Efthimiopoulos T.	B 54/3, 193-198 (1992)	42.65
Brandt M.S.	Brandt M.S.	A 54/6, 567-569 (1992)	68.55	Egittio F.D.	Davis C.R.	B 54/3, 227-230 (1992)	78.65H
Bransalov K.	Velinov T.	A 54/1, 6-18 (1992)	44.30	Eichhorn G.	Pla W.	B 54/3, 199-201 (1992)	67.60
Breitschwerdt A.	Brandt M.S.	A 54/6, 567-569 (1992)	68.55	Eitler J.	Ugolini D.	A 54/1, 57-60 (1992)	79.20
Brune M.	Haroche S.	B 54/5, 355-365 (1992)	42.50D	Ekstrom Ch.R.	Ekstrom Ch.R.	B 54/5, 369-374 (1992)	35.10
Brusa R.S.	Brusa R.S.	A 54/3, 233-238 (1992)	66.30	Emel'yanov V.I.	Emel'yanov V.I.	A 54/2, 196-199 (1992)	68.48
Bucher E.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J	Emmerich R.	Emmerich R.	A 54/4, 334-339 (1992)	67.20
Bucher E.	Pirzer M.	A 54/5, 455-459 (1992)	61.10	Englert B.-G.	Englert B.-G.	B 54/5, 366-368 (1992)	42.50
Buchstab A.S.	Ivanov-Shitz A.K.	A 54/3, 251-257 (1992)	63.00	Ertmer W.	Sterr U.	B 54/5, 341-346 (1992)	32.80
Buchwalter S.L.	Davis C.R.	B 54/3, 227-230 (1992)	78.65H	Fadel M.	Fadel M.	A 54/3, 288-292 (1992)	77.20
Bührer W.	Blatter A.	A 54/1, 26-30 (1992)	81.30H	Fagotto E.A.M.	Fagotto E.A.M.	A 54/1, 1-5 (1992)	72.50
Burg E. von der	Burg E. von der	A 54/4, 373-379 (1992)	73.60K	Faller M.	Blatter A.	A 54/1, 26-30 (1992)	81.30H
Buritskii K.S.	Buritskii K.S.	B 54/2, 167-169 (1992)	42.80	Ferguson C.	Munidas M.	A 54/3, 244-250 (1992)	67.68
Callahan D.L.	Phillips H.M.	A 54/2, 158-165 (1992)	81.60J	Finkbeiner S.	Schick K.	A 54/2, 109-114 (1992)	78.20
Cao L.Z.	Sha J.	A 54/3, 300-302 (1992)	74.60G	Fleischer M.	Fleischer M.	A 54/6, 560-566 (1992)	73.25
Capitelli M.	Longo S.	B 54/3, 239-245 (1992)	42.55G	Floch A. Le	Floch A. Le	B 54/4, 317-318 (1992)	42.65
Carelli G.	Moraes J.C.S.	B 54/1, 24-28 (1992)	42.55	Flores F.	Kocevar P.	A 54/2, 132-138 (1992)	72.20H
Carniglia C.K.	Swarnalatha M.	A 54/6, 533-537 (1992)	78.65	Foerster C.E.	Foerster C.E.	A 54/3, 252-232 (1992)	61.70T
Cartaleva St.St.	Cartaleva St.St.	B 54/4, 307-308 (1992)	42.55	Fracastoro-Decker M	Fagotto E.A.M.	A 54/1, 1-5 (1992)	72.50
Carter C.B.	Theodore N.D.	A 54/2, 124-131 (1992)	81.40	Franceschini M.A.	Franceschini M.A.	B 54/4, 259-264 (1992)	42.55G
Carter C.B.	Theodore N.D.	A 54/6, 527-532 (1992)	61.10	Francisco C. de	Torres R.	A 54/6, 511-516 (1992)	74.30
Catalina F.	Solis J.	A 54/3, 279-283 (1992)	42.30	Francie R.E.	Frank R.	B 54/6, 562-566 (1992)	34.50E
Catalina F.	Serna R.	A 54/6, 538-542 (1992)	68.22	Frank K.	Redel T.	A 54/6, 520-522 (1992)	52.50
Cerny R.	Lukes I.	A 54/4, 327-333 (1992)	42.20	Friemelt K.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J
Chakrabarti P.	Chakrabarti P.	A 54/2, 186-190 (1992)	73.40	Frolov M.P.	Frolov M.P.	B 54/5, 490-491 (1992)	42.55K
Chapeaublanc J.-F.	Petitjean M.	A 54/1, 95-99 (1992)	81.15G				
Chaudhari G.N.	Rao V.J.	A 54/3, 284-287 (1992)	81.10				
Chebotaev V.P.	Chebotaev V.P.	B 54/1, 98-99 (1992)	42.55B				

Name	First Author	Applied Physics	PACS	Name	First Author	Applied Physics	PACS
Fuchs H.D.	Brandt M.S.	A 54/6, 567-569 (1992)	68.55	Kantor Z.	Kantor Z.	A 54/2, 170-175 (1992)	42.60K
Fuh A.Y.G.	Fuh A.Y.G.	A 54/2, 176-177 (1992)	81.60B	Kargl P.	Toth Z.	B 54/3, 189-192 (1992)	42.60
Gabbanini C.	Gozzini S.	B 54/5, 428-433 (1992)	32.80P	Karl N.	Mills Jr. A.P.	A 54/1, 22-25 (1992)	78.70B
Gagne J.-M.	Babin F.	B 54/1, 35-45 (1992)	52.80H	Kasevich M.	Kasevich M.	B 54/5, 321-332 (1992)	32.80P
Galvanetto E.	Brusa R.S.	A 54/3, 233-238 (1992)	66.30	Kato K.	Lu Y.-F.	A 54/1, 51-56 (1992)	81.40
Gateva S.V.	Cartaleva St.St.	B 54/4, 307-308 (1992)	42.55	Keith D.W.	Ekstrom Ch.R.	B 54/5, 369-374 (1992)	35.10
Geick R.	Tietze-Jaensch H.	A 54/1, 19-21 (1992)	61.12D	Ketterle W.	Ketterle W.	B 54/2, 109-112 (1992)	82.50
Gekat F.	Klingenberg H.H.	B 54/3, 205-207 (1992)	42.55H	Ketterle W.	Ketterle W.	B 54/5, 403-406 (1992)	32.80P
Geyer de A.	Tietze-Jaensch H.	A 54/1, 19-21 (1992)	61.12D	Khan M.S.R.	Khan M.S.R.	A 54/2, 204-207 (1992)	73.60
GE Yunlong	JIN Hua	A 54/5, 399-403 (1992)	74.70	Kisters Th.	Riehle F.	B 54/5, 333-340 (1992)	32.80
Giber J.	Fleischer M.	A 54/6, 560-566 (1992)	73.25	Klementyev V.M.	Chebotaev V.P.	B 54/1, 98-99 (1992)	42.55B
Glasgow S.	Schumacher E.	B 54/5, 451-466 (1992)	32.80	Klingenberg H.H.	Klingenberg H.H.	B 54/3, 205-207 (1992)	42.55H
Goehlich A.	Röwekamp M.	A 54/1, 61-67 (1992)	79.20N	Kloc Ch.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J
Gong Q.	Gong Q.	B 54/2, 181-183 (1992)	42.70F	Klötzer N.	Rimini-Döring M.	A 54/2, 120-123 (1992)	72.70
Gorse C.	Longo S.	B 54/3, 239-245 (1992)	42.55G	Kneubühl F.K.	Kopiczynski T.L.	B 54/6, 526-530 (1992)	52.00
Gösel U.M.	Mitani K.	A 54/6, 543-552 (1992)	68.35M	Knoth J.	Schwenke H.	A 54/5, 460-465 (1992)	07.85
Gou Y.-S.	Dai L.-K.	B 54/1, 57-70 (1992)	42.65	Kocevar P.	Kocevar P.	A 54/2, 132-138 (1992)	72.20H
Gou Y.-S.	Dai L.-K.	B 54/2, 156-166 (1992)	42.65	Kochmasov A.	Schwab P.	A 54/2, 166-169 (1992)	74.70
Gozzini S.	Gozzini S.	B 54/5, 428-433 (1992)	32.80P	Kochetov I.V.	Longo S.	B 54/3, 239-245 (1992)	42.55G
Greenhalgh D.A.	Mann B.A.	B 54/4, 271-277 (1992)	82.40P	Kock M.	Schwenke H.	A 54/5, 460-465 (1992)	07.85
Grill W.	Burg E. von der	A 54/4, 373-379 (1992)	73.60K	Köhler H.-H.	Ivanov-Shitz A.K.	A 54/3, 251-257 (1992)	63.00
Grivas C.	Toth Z.	B 54/3, 189-192 (1992)	42.60	Kökai F.	Jusko O.	A 54/3, 265-269 (1992)	68.55
Gu C.	Dai L.-K.	B 54/1, 57-70 (1992)	42.65	Kölsch H.J.	Kökai F.	A 54/4, 340-342 (1992)	81.40
Gu C.	Dai L.-K.	B 54/2, 156-166 (1992)	42.65	Kopiczynski T.L.	Kölsch H.J.	B 54/1, 89-94 (1992)	06.70D
Guenther A.H.	Swarnalatha M.	A 54/6, 533-537 (1992)	78.65	Korgev V.P.	Kopiczynski T.L.	B 54/6, 526-530 (1992)	52.00
Guerra J.M.	Weigand R.	A 54/6, 516-525 (1992)	82.50	Koudoumas E.	Sedykh V.	A 54/6, 497-499 (1992)	74.70V
Guidotti D.	Guidotti D.	B 54/6, 570-572 (1992)	06.70D	Krätzig E.	Efthimiopoulos T.	B 54/3, 193-198 (1992)	42.65
Guizzetti G.	Amiotti M.	A 54/2, 181-185 (1992)	81.40T	Krötz G.	Odoulov S.	B 54/4, 313-316 (1992)	42.25B
Gupta P.K.	Jain B.	B 54/6, 534-537 (1992)	42.60B	Kryukov P.G.	Müller G.	A 54/1, 40-46 (1992)	61.40
Gusev V.	Velinov T.	A 54/1, 6-18 (1992)	44.30	Kühnle G.	Frolov M.P.	B 54/5, 490-491 (1992)	42.55K
Gutschke R.	Schwenke H.	A 54/5, 460-465 (1992)	07.85	Kuhn T.	Teubner U.	B 54/6, 493-499 (1992)	52.50J
				Kullmer R.	Reggiani L.	A 54/5, 411-427 (1992)	05.40
				Kunstmann R.	Schwab P.	A 54/2, 166-169 (1992)	74.70
					Hilrichs G.	B 54/3, 208-215 (1992)	78.90
Hack H.	Hilrichs G.	B 54/3, 208-215 (1992)	78.90	Laet J. De	Laet J. De	A 54/1, 72-78 (1992)	07.60F
Hagan D.J.	Wei T.H.	B 54/1, 46-51 (1992)	33.00	Audretsch J.	Audretsch J.	B 54/5, 351-354 (1992)	07.60L
Handoo A.K.	Handoo A.K.	A 54/1, 92-94 (1992)	79.20N	Metzner J.	Metzner J.	B 54/1, 100-101 (1992)	42.60B
Hanes G.R.	Siemens K.J.	B 54/2, 126-131 (1992)	42.55C	Preuss S.	Preuss S.	A 54/4, 360-362 (1992)	42.30N
Hangleiter A.	Rimini-Döring M.	A 54/2, 120-123 (1992)	72.70	Lankard Sr. J.R.	Lankard Sr. J.R.	A 54/4, 355-359 (1992)	42.60B
Haroche S.	Haroche S.	B 54/5, 355-365 (1992)	42.50D	Lau F.	Lau F.	A 54/2, 139-146 (1992)	66.30J
Hartmann W.	Redel T.	A 54/6, 520-522 (1992)	52.50	Ledentsov N.N.	Ledentsov N.N.	A 54/3, 261-264 (1992)	73.20D
Haxell A.M.	Hooker S.M.	B 54/2, 119-125 (1992)	42.55H	Wang L.	Wang L.	B 54/1, 71-75 (1992)	32.80
Heiden C.	Mück M.	A 54/6, 475-480 (1992)	74.50	Perkins F.K.	Perkins F.K.	A 54/5, 442-450 (1992)	81.15G
Helmcke J.	Riehle F.	B 54/5, 333-340 (1992)	32.80	Davanloo F.	Davanloo F.	A 54/4, 369-372 (1992)	52.50J
Henderson B.	Yamaga M.	A 54/5, 470-473 (1992)	71.70	Dobryakov A.L.	Dobryakov A.L.	A 54/1, 100-102 (1992)	71.10
Hendriksen B.	Diemeer M.B.J.	A 54/5, 466-469 (1992)	77.40	Lewis W.B.	Lewis W.B.	A 54/1, 31-34 (1992)	76.30F
Hensel J.	Mills Jr. A.P.	A 54/1, 22-25 (1992)	78.70B	Perkins F.K.	Perkins F.K.	A 54/5, 442-450 (1992)	81.15G
Henzler M.	Jusko O.	A 54/3, 265-269 (1992)	68.55	Müller W.	Müller W.	A 54/1, 84-91 (1992)	79.20
Hering P.	Liu Y.	B 54/1, 18-23 (1992)	42.80F	Sha J.	Sha J.	A 54/3, 300-302 (1992)	74.60G
Heuer W.	Plass W.	B 54/3, 199-201 (1992)	07.60	Lim A.S.	Lim A.S.	A 54/3, 270-278 (1992)	68.45
Heumann E.	Pollnau M.	A 54/5, 404-410 (1992)	07.65	Lim A.S.	Lim A.S.	A 54/4, 343-349 (1992)	68.45
Sh. J.	Sh. J.	A 54/3, 300-302 (1992)	74.60G	Lim A.S.	Lim A.S.	A 54/6, 500-507 (1992)	68.45
Higurashi E.	Sato S.	B 54/6, 531-533 (1992)	87.00	Lindberg M.	Lindberg M.	B 54/5, 467-476 (1992)	32.80
Hilrichs G.	Hilrichs G.	B 54/3, 208-215 (1992)	78.90	Liou H.T.	Liou H.T.	B 54/3, 221-226 (1992)	42.50
Hohenstein M.	Hohenstein M.	A 54/6, 485-492 (1992)	07.80	Sharma A.	Sharma A.	B 54/4, 309-312 (1992)	33.00
Hooker S.M.	Hooker S.M.	B 54/2, 119-125 (1992)	42.55H	Lisboa J.A.	Lisboa J.A.	B 54/6, 562-566 (1992)	34.50E
Höpner A.	Brandt M.S.	A 54/6, 567-569 (1992)	68.55	JIN Hua	JIN Hua	A 54/5, 399-403 (1992)	74.70
HUANG Yong-Zhen	HUANG Yong-Zhen	A 54/2, 191-195 (1992)	73.20	Liu S.R.	Liu S.R.	B 54/4, 247-258 (1992)	42.65
HUANG Yong-Zhen	HUANG Yong-Zhen	A 54/3, 308-310 (1992)	73.40G	Liu Y.	Liu Y.	B 54/1, 18-23 (1992)	42.80F
Hube M.	Momma C.	B 54/3, 234-238 (1992)	42.55	LIU Yu-mei	LIU Yu-mei	B 54/4, 288-294 (1992)	42.60
Huber G.	Pollnau M.	A 54/5, 404-410 (1992)	07.65	Li Y.	Li Y.	B 54/2, 181-183 (1992)	42.70F
Hübner R.	Hübner R.	A 54/5, 437-441 (1992)	68.50	Li Y.J.	Li Y.J.	A 54/3, 303-307 (1992)	74.75
Hunt A.	Hunt A.	A 54/6, 508-510 (1992)	66.10	Ljungberg P.	Axner O.	B 54/2, 144-155 (1992)	34.90
HU Zhuangqi	JIN Hua	A 54/5, 399-403 (1992)	74.70	Llopis J.	Paje S.E.	A 54/3, 239-243 (1992)	78.55H
				Löhneysen H. von	Sürgers C.	A 54/4, 350-354 (1992)	61.14H
Ignacz F.	Racz B.	B 54/6, 513-515 (1992)	42.55G	Longo S.	Longo S.	B 54/3, 239-245 (1992)	42.55G
Ihleemann J.	Ihleemann J.	A 54/4, 363-368 (1992)	42.60	Lozovik Yu.E.	Dobryakov A.L.	A 54/1, 100-102 (1992)	71.10
Inaba H.	Sato S.	B 54/6, 531-533 (1992)	87.00	Lucchesini A.	Gozzini S.	B 54/5, 428-433 (1992)	32.80P
Indebetouw G.	Liu S.R.	B 54/4, 247-258 (1992)	42.65	Luchnikov A.V.	Dianov E.M.	B 54/2, 175-180 (1992)	42.65
Ioli N.	Moraes J.C.S.	B 54/1, 24-28 (1992)	42.55	Lukes I.	Böttcher W.	B 54/4, 295-302 (1992)	42.55G
Ishkov D.V.	Frolov M.P.	B 54/5, 490-491 (1992)	42.55K	LU Mao-hong	Lukes I.	A 54/4, 327-333 (1992)	42.20
Ito N.	Morinaga A.	B 54/1, 29-34 (1992)	07.65E	Lux-Steiner M.Ch.	LU Mao-hong	B 54/4, 288-294 (1992)	42.60
Ivanov-Shitz A.K.	Ivanov-Shitz A.K.	A 54/3, 251-257 (1992)	63.00	Lu Y.-F.	Pirzer M.	A 54/5, 455-459 (1992)	61.10
					Lu Y.-F.	A 54/1, 51-56 (1992)	81.40
Jacobson D.C.	Coffa S.	A 54/6, 481-484 (1992)	72.80	Madaj A.A.	Siemens K.J.	B 54/2, 126-131 (1992)	42.55C
Jäger H.	Woitschläger J.	B 54/2, 132-135 (1992)	42.40	Malmsten Y.	Axner O.	B 54/2, 144-155 (1992)	34.90
Jain B.	Jain B.	B 54/6, 534-537 (1992)	42.60B	Mandelis A.	Munidas M.	A 54/3, 244-250 (1992)	07.68
Jander D.R.	Davanloo F.	A 54/4, 369-372 (1992)	52.50J	Mann B.A.	Mann B.A.	B 54/4, 271-277 (1992)	82.40P
Jauregui J.	Jauregui J.	A 54/1, 35-39 (1992)	44.50	Marinelli C.	Gozzini S.	B 54/5, 428-433 (1992)	32.80P
JIN Hua.	JIN Hua.	A 54/5, 399-403 (1992)	74.70	Mariotti E.	Gozzini S.	B 54/5, 428-433 (1992)	32.80P
Jones W.E.	Wang L.	B 54/1, 52-56 (1992)	42.65C	Sieverdes F.	Sieverdes F.	B 54/1, 95-97 (1992)	42.65
Juengerman E.M.	Davanloo F.	A 54/4, 369-372 (1992)	52.50J	Marte M.	Marte M.	B 54/5, 443-450 (1992)	42.50D
Jusko O.	Jusko O.	A 54/3, 265-269 (1992)	68.55	Marte M.A.M.	Marte M.A.M.	B 54/5, 477-485 (1992)	03.65B
Kailath T.	Schaper C.D.	A 54/4, 317-326 (1992)	81.40				
Kalin A.W.	Kopiczynski T.L.	B 54/6, 526-530 (1992)	52.00				

Name	First Author	Applied Physics	PACS	Name	First Author	Applied Physics	PACS
Maslov V.A.	Buritskii K.S.	B 54/2, 167-169 (1992)	42.80	Pfistner C.	Pfistner C.	B 54/1, 83-88 (1992)	42.60F
Masteika R.	Vaitkus J.	A 54/6, 553-555 (1992)	72.20	Phillips H.M.	Phillips H.M.	A 54/2, 158-165 (1992)	81.60J
Matthias E.	Jauregui J.	A 54/1, 35-39 (1992)	44.50	Amiotti M.	Amiotti M.	A 54/2, 181-185 (1992)	81.40T
Matthias E.	Davanloo F.	A 54/4, 369-372 (1992)	52.50J	Pietsch G.J.	Jusko O.	A 54/3, 265-269 (1992)	68.55
Mauri F.	Mauri F.	B 54/5, 420-427 (1992)	32.80	Piglmyer K.	Toth Z.	B 54/3, 189-192 (1992)	42.60
Mayer J.W.	Theodore N.D.	A 54/2, 124-131 (1992)	81.40	Pilipetskii A.N.	Dianov E.M.	B 54/2, 175-180 (1992)	42.65
Mayer J.W.	Theodore N.D.	A 54/6, 527-532 (1992)	61.10	Pini R.	Franceschini M.A.	B 54/4, 259-264 (1992)	42.55G
Mazurowski J.	Perkins F.K.	A 54/5, 442-450 (1992)	81.15G	Pinnow M.	Sieverdes F.	B 54/1, 95-97 (1992)	42.65
Mio N.	Wang L.	B 54/1, 71-75 (1992)	32.80	Pirzer M.	Pirzer M.	A 54/5, 455-459 (1992)	61.10
Meixner H.	Fleischer M.	A 54/6, 560-566 (1992)	73.25	Plass W.	Plass W.	B 54/3, 199-201 (1992)	07.60
Metwally H.	Fadel M.	A 54/3, 288-292 (1992)	77.20	Ploog K.	Ledentsov N.N.	A 54/3, 261-264 (1992)	73.20D
Metzner J.	Metzner J.	B 54/1, 100-101 (1992)	42.60B	Ploss B.	Emmerich R.	A 54/4, 334-339 (1992)	07.20
Meystre P.	Schumacher E.	B 54/5, 451-466 (1992)	32.80	Ploss B.	Bauer S.	B 54/6, 544-551 (1992)	07.62
Mills Jr. A.P.	Mills Jr. A.P.	A 54/1, 22-25 (1992)	78.70B	Poate J.M.	Coffa S.	A 54/6, 481-484 (1992)	72.80
Miniatura Ch.	Miniatura Ch.	B 54/5, 347-350 (1992)	32.60	Pollnau M.	Pollnau M.	A 54/5, 404-410 (1992)	07.65
Mio N.	Mio N.	B 54/3, 202-204 (1992)	07.60	Porter F.M.	Porter F.M.	B 54/2, 103-108 (1992)	42.65
Mirkov M.G.	Stankov K.A.	B 54/4, 303-306 (1992)	42.65	Prasad K.	Prasad K.	A 54/6, 493-496 (1992)	73.30
Mitani K.	Mitani K.	A 54/6, 543-552 (1992)	68.35M	Prasad K.	Prasad K.	A 54/6, 523-526 (1992)	73.40C
Mlynek J.	Sleator T.	B 54/5, 375-379 (1992)	32.80	Preuss S.	Preuss S.	A 54/2, 152-157 (1992)	73.60D
Mohebi M.	Dennis M.L.	B 54/4, 278-287 (1992)	42.55D	Preuss S.	Preuss S.	A 54/4, 360-362 (1992)	42.30N
Moi L.	Gozzini S.	B 54/5, 428-433 (1992)	32.80P	Priolo F.	Coffa S.	A 54/6, 481-484 (1992)	72.80
Momma C.	Momma C.	B 54/3, 234-238 (1992)	42.55	Pritchard D.E.	Ketterle W.	B 54/5, 403-406 (1992)	32.80P
Monocoffre N.	Foerster C.E.	A 54/3, 252-232 (1992)	61.70T	Pritchard D.E.	Ekstrom Ch.R.	B 54/5, 369-374 (1992)	35.10
Moraes J.C.S.	Moraes J.C.S.	B 54/1, 24-28 (1992)	42.55	Prokhorov A.M.	Dianov E.M.	B 54/2, 175-180 (1992)	42.65
Moretti A.	Moraes J.C.S.	B 54/1, 24-28 (1992)	42.55	Proust N.	Petitjean M.	A 54/1, 95-99 (1992)	81.15G
Morinaga A.	Morinaga A.	B 54/1, 29-34 (1992)	07.65E	Puretzky A.A.	Dobryakov A.L.	A 54/1, 100-102 (1992)	71.10
Moro L.	Parisini A.	A 54/3, 221-224 (1992)	61.70	Pyltsin O.I.	Chebotaev V.P.	B 54/1, 98-99 (1992)	42.55B
Moser P.	Cruz R.M. de la	A 54/2, 147-151 (1992)	78.70B	Queirolo G.	Amiotti M.	A 54/2, 181-185 (1992)	81.40T
Moskovets E.V.	Moskovets E.V.	B 54/6, 556-561 (1992)	82.80M	Queisser H.-J.	Bergmann R.	A 54/1, 103-105 (1992)	68.55
Mossavi K.	Momma C.	B 54/3, 234-238 (1992)	42.55	Racz B.	Racz B.	B 54/6, 513-515 (1992)	42.55G
Mück M.	Mück M.	A 54/1, 47-50 (1992)	74.50	Raimond J.M.	Haroche S.	B 54/5, 355-365 (1992)	42.50D
Mück M.	Mück M.	A 54/6, 475-480 (1992)	74.50	Rairoux P.	Kölsch H.J.	B 54/1, 89-94 (1992)	06.70D
Muga J.G.	Cruz H.	A 54/2, 178-180 (1992)	73.40G	Rao V.J.	Rao V.J.	A 54/3, 284-287 (1992)	81.10
Müller B.	Jusko O.	A 54/3, 265-269 (1992)	68.55	Ray P.K.	Handoo A.K.	A 54/1, 92-94 (1992)	79.20N
Müller G.	Müller G.	A 54/1, 40-46 (1992)	61.40	Redel T.	Redel T.	A 54/6, 520-522 (1992)	52.50
Müller J.H.	Sterr U.	B 54/5, 341-346 (1992)	32.80	Reggiani L.	Reggiani L.	A 54/5, 411-427 (1992)	05.40
Müller M.	Müller M.	B 54/2, 136-143 (1992)	42.55R	Reid J.	Siemens K.J.	B 54/2, 126-131 (1992)	42.55C
Müller W.	Müller W.	A 54/1, 84-91 (1992)	79.20	Reinhardt J.	Miniatura Ch.	B 54/5, 347-350 (1992)	32.60
Munidas M.	Munidas M.	A 54/3, 244-250 (1992)	07.68	Reinsch M.	Clauser J.F.	B 54/5, 380-395 (1992)	07.60L
Munoz J.M.	Torres R.	A 54/6, 511-516 (1992)	74.30	Ren C.X.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Nagatomo S.	Lu Y.-F.	A 54/1, 51-56 (1992)	81.40	Reza A.	Khan M.S.R.	A 54/2, 204-207 (1992)	73.60
Nagel N.	Bergmann R.	A 54/1, 103-105 (1992)	68.55	Ricci A.J.	Guidotti D.	A 54/6, 570-572 (1992)	06.70D
Namba S.	Lu Y.-F.	A 54/1, 51-56 (1992)	81.40	Riehle F.	Riehle F.	B 54/5, 333-340 (1992)	32.80
Napartovich A.P.	Longo S.	B 54/3, 239-245 (1992)	42.55G	Riera J.	Riera J.	A 54/5, 428-430 (1992)	71.55
Narayanan P.S.	Srinivasan M.R.	A 54/3, 258-260 (1992)	65.90	Rimini-Döring M.	Rimini-Döring M.	A 54/2, 120-123 (1992)	72.70
Nasu K.	Sun X.	B 54/2, 170-174 (1992)	78.90	Paje S.E.	Paje S.E.	A 54/3, 239-243 (1992)	78.55H
Nava F.	Amiotti M.	A 54/2, 181-185 (1992)	81.40T	Paje S.E.	Paje S.E.	A 54/3, 239-243 (1992)	78.55H
Negem A.	Fadel M.	A 54/3, 288-292 (1992)	77.20	Robert J.	Miniatura Ch.	B 54/5, 347-350 (1992)	32.60
Neger T.	Woisetschlager J.	B 54/2, 132-135 (1992)	42.40	Rosenbauer M.	Brandt M.S.	A 54/6, 567-569 (1992)	68.55
Neu W.	Hillrichs G.	B 54/3, 208-215 (1992)	78.90	Rottke H.	Plass W.	B 54/3, 199-201 (1992)	07.60
Niesner St.	Böttcher W.	B 54/4, 295-302 (1992)	42.55G	Röwekamp M.	Röwekamp M.	A 54/1, 61-67 (1992)	79.20N
Nobili D.	Parisini A.	A 54/3, 221-224 (1992)	61.70	Said J.	Boquillon J.P.	A 54/4, 384-388 (1992)	42.55R
O'Donnell K.P.	Yamaga M.	A 54/5, 470-473 (1992)	71.70	Sakurai T.	Morinaga A.	B 54/1, 29-34 (1992)	07.65E
O'Leary S.V.	Mann B.A.	B 54/4, 271-277 (1992)	82.40F	Salimbeni R.	Franceschini M.A.	B 54/4, 259-264 (1992)	42.55G
Oduolov S.	Oduolov S.	B 54/4, 313-316 (1992)	42.25B	Sasik R.	Lukes I.	A 54/4, 327-333 (1992)	42.20
Oelhafen P.	Ugolini D.	A 54/1, 57-60 (1992)	79.20	Sato S.	Sato S.	B 54/6, 531-533 (1992)	87.00
Oglesby C.S.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J	Sauerbrey R.	Phillips H.M.	A 54/2, 158-165 (1992)	81.60J
Okuda I.	Okuda I.	B 54/6, 506-512 (1992)	42.60	Scalabrín A.	Moraes J.C.S.	B 54/1, 24-28 (1992)	42.55
Olfen U. van	Oduolov S.	B 54/4, 313-316 (1992)	42.25B	Schäfer F.P.	Teubner U.	B 54/6, 493-499 (1992)	52.50J
Onellion M.	Perkins F.K.	A 54/5, 442-450 (1992)	81.15G	Schäfer M.	Ketterle W.	B 54/2, 109-112 (1992)	82.50
Opat G.I.	Opat G.I.	B 54/5, 396-402 (1992)	35.10D	Schaper C.D.	Schaper C.D.	A 54/4, 317-326 (1992)	81.40
Ortiz C.	Solis J.	A 54/3, 279-283 (1992)	42.30	Schick K.	Schick K.	A 54/2, 109-114 (1992)	78.20
Osipov A.V.	Osipov A.V.	A 54/6, 517-519 (1992)	61.70	Schöttau H.J.	Kopiczynski T.L.	B 54/6, 526-530 (1992)	52.00
Ota H.	Kokai F.	A 54/4, 340-342 (1992)	81.40	Schreiner W.H.	Hübner R.	A 54/5, 437-441 (1992)	68.50
Ovid'ko I.A.	Osipov A.V.	A 54/6, 517-519 (1992)	61.70	Schubert M.	Desaintfussien M.	B 54/3, 246 (1992)	32.70
Paje S.E.	Paje S.E.	A 54/3, 239-243 (1992)	78.55H	Schumacher E.	Schumacher E.	B 54/5, 451-466 (1992)	32.80
Pal J.	Chakrabarti P.	A 54/2, 186-190 (1992)	73.40	Schwabedissen A.	Böttcher W.	B 54/4, 295-302 (1992)	42.55G
Pareja R.	Cruz R.M. de la	A 54/2, 147-151 (1992)	78.70B	Schwab P.	Schwab P.	A 54/2, 166-169 (1992)	74.70
Parisini A.	Parisini A.	A 54/3, 221-224 (1992)	61.70	Schwenke H.	Schwenke H.	A 54/5, 460-465 (1992)	07.85
Paskov P.P.	Paskov P.P.	B 54/2, 113-118 (1992)	78.20	Schwentner N.	Zerza G.	A 54/1, 106-108 (1992)	42.50
Passner J.	Mills Jr. A.P.	A 54/1, 22-25 (1992)	78.70B	Scully M.O.	Liu Y.	B 54/1, 18-23 (1992)	42.80F
Patos A.	Racz B.	B 54/6, 513-515 (1992)	42.55G	Scully M.O.	Englert B.-G.	B 54/5, 366-368 (1992)	42.50
Pavlov L.I.	Paskov P.P.	B 54/2, 113-118 (1992)	78.20	Sedykh V.	Sedykh V.	A 54/6, 497-499 (1992)	74.70V
Pazyuk V.S.	Frolov M.P.	B 54/5, 490-491 (1992)	42.55K	Segura A.	Cruz R.M. de la	A 54/2, 147-151 (1992)	78.70B
Pereira D.	Moraes J.C.S.	B 54/1, 24-28 (1992)	42.55	Segura A.	Riera J.	A 54/5, 428-430 (1992)	71.55
Perkins F.K.	Perkins F.K.	A 54/5, 442-450 (1992)	81.15G	Sekkat Z.	Sekkat Z.	B 54/5, 486-489 (1992)	82.40
Perrin J.	Petitjean M.	A 54/1, 95-99 (1992)	81.15G	Sence M.J.	Wei T.H.	B 54/1, 46-51 (1992)	33.00
Perry J.W.	Wei T.H.	B 54/1, 46-51 (1992)	33.00	Sengstock K.	Sterr U.	B 54/5, 341-346 (1992)	32.80
Petitjean M.	Petitjean M.	A 54/1, 95-99 (1992)	81.15G	Serna R.	Serna R.	A 54/6, 538-542 (1992)	68.22
Petrauskas M.	Vaitkus J.	A 54/6, 553-555 (1992)	72.20	Shafeev G.A.	Shafeev G.A.	A 54/4, 311-316 (1992)	68.45
Petrov G.	Yankov P.	B 54/3, 231-233 (1992)	42.60	Shahian A.G.	Bava E.	B 54/6, 500-505 (1992)	32.80
Pfau T.	Sleator T.	B 54/5, 375-379 (1992)	32.80	Sha J.	Sha J.	A 54/3, 300-302 (1992)	74.60G

Name	First Author	Applied Physics	PACS	Name	First Author	Applied Physics	PACS
Sharma A.	Sharma A.	B 54/4, 309-312 (1992)	33.00	Vaitkus J.	Vaitkus J.	A 54/6, 553-555 (1992)	72.20
Shaw M.J.	Okuda I.	B 54/6, 506-512 (1992)	42.60	Vanhellemont J.	Laet J. De	A 54/1, 72-78 (1992)	07.60F
Shcherbakov E.A.	Buritskii K.S.	B 54/2, 167-169 (1992)	42.80	Vannini M.	Franceschini M.A.	B 54/4, 259-264 (1992)	42.55G
Shekhtman V.Sh.	Sedykh V.	A 54/6, 497-499 (1992)	74.70V	Varani L.	Reggiani L.	A 54/5, 411-427 (1992)	05.40
SHI Changxu	JIN Hua.	A 54/5, 399-403 (1992)	74.70	Velinov T.	Velinov T.	A 54/1, 6-18 (1992)	44.30
Shi F.	Müller W.	A 54/1, 84-91 (1992)	79.20	Verecoven J.	Laet De J.	A 54/1, 72-78 (1992)	07.60F
Sieger D.	Tietze-Jaensch H.	A 54/1, 19-21 (1992)	61.12D	Vögt M.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J
Siemens I.	Desaintfussien M.	B 54/3, 246 (1992)	32.70				
Siemens K.J.	Siemens K.J.	B 54/2, 126-131 (1992)	42.55C				
Sieverdes F.	Sieverdes F.	B 54/1, 95-97 (1992)	42.65	Wallis H.	Wallis H.	B 54/5, 407-419 (1992)	32.80P
Silber I.	Bergmann R.	A 54/1, 103-105 (1992)	68.55	Walls D.F.	Tan S.M.	B 54/5, 434-442 (1992)	32.80
Silva M.F. da	Serna R.	A 54/6, 538-542 (1992)	68.22	Walther H.	Englert B.-G.	B 54/5, 366-368 (1992)	42.50
Simakhin A.V.	Shafeev G.A.	A 54/4, 311-316 (1992)	68.45	WANG Chi-Ming	HUANG Yong-Zhen	A 54/2, 191-195 (1992)	73.20
Simon P.	Ihlemann J.	A 54/4, 363-368 (1992)	42.60	WANG Chi-Ming	HUANG Yong-Zhen	A 54/3, 308-310 (1992)	73.40G
Singhal R.P.	Wang L.	B 54/1, 71-75 (1992)	32.80	Wang L.	Wang L.	B 54/1, 52-56 (1992)	42.65C
Slaby J.	Slaby J.	B 54/6, 538-543 (1992)	07.65	Wang L.	Wang L.	B 54/1, 71-75 (1992)	32.80
Sleator T.	Sleator T.	B 54/5, 375-379 (1992)	32.80	Wang L.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Sliwinski G.	Zerza G.	A 54/1, 106-108 (1992)	42.50	Wang N.L.	Sha J.	A 54/3, 300-302 (1992)	74.60G
Soares J.C.	Serna R.	A 54/6, 538-542 (1992)	68.22	Wark S.J.	Opat G.I.	B 54/5, 396-402 (1992)	35.10D
Solis J.	Solis J.	A 54/3, 279-283 (1992)	42.30	Webb C.E.	Hooker S.M.	B 54/2, 119-125 (1992)	42.55H
Solmi S.	Parisini A.	A 54/3, 221-224 (1992)	61.70	Weber H.P.	Pfistner C.	B 54/1, 83-88 (1992)	42.60F
Soumbatov A.A.	Emel'yanov V.I.	A 54/2, 196-199 (1992)	68.48	Weber J.	Brandt M.S.	A 54/6, 567-569 (1992)	68.55
Srinivasan M.R.	Srinivasan M.R.	A 54/3, 258-260 (1992)	65.90	Weber Th.	Müller W.	A 54/1, 84-91 (1992)	79.20
Stafast H.	Burg E. von der	A 54/4, 373-379 (1992)	73.60K	Wei T.H.	Wei T.H.	B 54/1, 46-51 (1992)	33.00
Stafast H.	Preuss S.	A 54/2, 152-157 (1992)	73.60D	Weigand R.	Weigand R.	B 54/6, 516-525 (1992)	82.50
Stamm U.	Müller M.	B 54/2, 136-143 (1992)	42.55R	Wellegehausen B.	Momma C.	B 54/3, 234-238 (1992)	42.55
Stankov K.A.	Stankov K.A.	B 54/4, 303-306 (1992)	42.65	Wendel H.	Wendel H.	A 54/4, 389-392 (1992)	81.15G
Stark R.	Redel T.	A 54/6, 520-522 (1992)	52.50	Widmann K.	Woitschläger J.	B 54/2, 132-135 (1992)	42.40
Stenholm S.	Marte M.	B 54/5, 443-450 (1992)	42.50D	Wilkins M.	Schumacher E.	B 54/5, 451-466 (1992)	32.80
Sterr U.	Sterr U.	B 54/5, 341-346 (1992)	32.80	Williams D.R.	Porter F.M.	B 54/2, 103-108 (1992)	42.65
Stetter M.	Redel T.	A 54/6, 520-522 (1992)	52.50	Wilman J.G.	Guidotti D.	A 54/6, 570-572 (1992)	06.70D
Stewart A.F.	Swarnalatha M.	A 54/6, 533-537 (1992)	78.65	Winkler R.	Winkler R.	B 54/1, 1-17 (1992)	51.10
Strukova G.K.	Sedykh V.	A 54/6, 497-499 (1992)	74.70V	Winkler S.	Rimini-Döring M.	A 54/2, 120-123 (1992)	72.70
Strumia F.	Moraes J.C.S.	B 54/1, 24-28 (1992)	42.55	Witte A.	Riehle F.	B 54/5, 333-340 (1992)	32.80
Stryland E.W. van	Wei T.H.	B 54/1, 46-51 (1992)	33.00	Woitschläger J.	Woitschläger J.	B 54/2, 132-135 (1992)	42.40
Stücheli N.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J	Lankard Sr. J.R.	Lankard Sr. J.R.	A 54/4, 353-359 (1992)	42.60B
Stuke M.	Preuss S.	A 54/4, 360-362 (1992)	42.30N	Ihlemann J.	Ihlemann J.	A 54/4, 365-368 (1992)	42.60
Stutzmann M.	Brandt M.S.	A 54/6, 567-569 (1992)	68.55	Kölsch H.J.	Kölsch H.J.	B 54/1, 89-94 (1992)	06.70D
Sugioka K.	Sugioka K.	A 54/4, 380-383 (1992)	61.70T	Wolf J.P.	Wolf J.P.	B 54/2, 109-112 (1992)	82.50
Suhr R.	Wendel H.	A 54/4, 389-392 (1992)	81.15G	Wolfrum J.	Ketterle W.	B 54/1, 89-94 (1992)	06.70D
Suhr H.	Zhao Y.-W.	A 54/5, 451-454 (1992)	81.15G	Wöste L.	Wöste L.	B 54/2, 170-174 (1992)	78.90
Sulewski P.E.	Sulewski P.E.	A 54/1, 79-83 (1992)	78.20J	Wu C.Q.	Sun X.	A 54/3, 209-220 (1992)	78.20D
Sun X.	Sun X.	B 54/2, 170-174 (1992)	78.90	Wu K.	Gong Q.	B 54/2, 181-183 (1992)	42.70F
Sürgers C.	Sürgers C.	A 54/4, 350-354 (1992)	61.14H	Wu P.	Schick K.	A 54/2, 109-114 (1992)	78.20
Suyten F.M.M.	Diemeer M.B.J.	A 54/5, 466-469 (1992)	77.40	Wurfel P.	Wurfel P.	B 54/1, 1-17 (1992)	51.10
Swarnalatha M.	Swarnalatha M.	A 54/6, 533-537 (1992)	78.65	Wuttke M.W.	Wuttke M.W.		
Szabo G.	Racz B.	B 54/6, 513-515 (1992)	42.55G				
Szabo G.	Phillips H.M.	A 54/2, 158-165 (1992)	81.60J	Xia Z.	Gong Q.	B 54/2, 181-183 (1992)	42.70F
Szörényi T.	Kantor Z.	A 54/2, 170-175 (1992)	42.60K				
Szörényi T.	Toth Z.	B 54/3, 189-192 (1992)	42.60				
Taguchi Y.	Sato S.	B 54/6, 531-533 (1992)	87.00	Yamaga M.	Yamaga M.	A 54/5, 470-473 (1992)	71.70
Takai M.	Lu Y.-F.	A 54/1, 51-56 (1992)	81.40	Yang H.	Liou H.T.	B 54/3, 221-226 (1992)	42.50
Takeuchi H.	Yamaga M.	A 54/5, 470-473 (1992)	71.70	Yang J.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Tan S.M.	Tan S.M.	B 54/5, 434-442 (1992)	32.80	Yankov P.	Yankov P.	B 54/3, 231-233 (1992)	42.60
Teixeira N.	Serna R.	A 54/6, 538-542 (1992)	68.22	Yeh P.	Dai L.-K.	B 54/1, 57-70 (1992)	42.65
Teixeira S.R.	Hübner R.	A 54/5, 437-441 (1992)	68.50	Yeh P.	Dai L.-K.	B 54/2, 156-166 (1992)	42.65
Terryn H.	Laet J. De	A 54/1, 72-78 (1992)	07.60F	Yuryshv N.N.	Frolov M.P.	B 54/5, 490-491 (1992)	42.55K
Teubner U.	Teubner U.	B 54/6, 493-499 (1992)	52.50J				
Theodore N.D.	Theodore N.D.	A 54/2, 124-131 (1992)	81.40	Zacharias H.	Plass W.	B 54/3, 199-201 (1992)	07.60
Theodore N.D.	Theodore N.D.	A 54/6, 527-532 (1992)	61.10	Zakhariash V.F.	Chebotayev V.P.	B 54/1, 98-99 (1992)	42.55B
Thomas B.	Thomas B.	A 54/3, 293-299 (1992)	68.55	Zayas M.E.	Paje S.E.	A 54/3, 239-243 (1992)	78.55H
Tietze-Jaensch H.	Tietze-Jaensch H.	A 54/1, 19-21 (1992)	61.12D	Zecca A.	Brusa R.S.	A 54/3, 233-238 (1992)	66.30
Tkocz R.	Redel T.	A 54/6, 520-522 (1992)	52.50	Zerza G.	Zerza G.	A 54/1, 106-108 (1992)	42.50
Tomasianus R.	Vaitkus J.	A 54/6, 553-555 (1992)	72.20	Zhang J.H.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Torres R.	Torres R.	A 54/6, 511-516 (1992)	74.30	Zhang Q.R.	Sha J.	A 54/3, 300-302 (1992)	74.60G
Toth Z.	Kantor Z.	A 54/2, 170-175 (1992)	42.60K	ZHANG Xiumiao	ZHANG Xiumiao	A 54/2, 200-203 (1992)	73.40Q
Toth Z.	Toth Z.	B 54/3, 189-192 (1992)	42.60	ZHANG Xiumiao	ZHANG Xiumiao	A 54/5, 395-398 (1992)	73.40Q
Toyoda K.	Sugioka K.	A 54/4, 380-383 (1992)	61.70T	Zhou G.E.	Zhou G.E.	A 54/5, 451-454 (1992)	81.15G
Träger F.	Slaby J.	B 54/6, 538-543 (1992)	07.65	Zhu C.F.	Sha J.	A 54/3, 300-302 (1992)	74.60G
Tse W.S.	Tse W.S.	A 54/6, 556-559 (1992)	73.40	Zhu D.	Sha J.	A 54/3, 300-302 (1992)	74.60G
Tsubono K.	Mio N.	B 54/3, 202-204 (1992)	07.60	Zoller P.	Gong Q.	B 54/2, 181-183 (1992)	42.70F
Tsukada N.	Ledentsov N.N.	A 54/3, 261-264 (1992)	73.20D	Zou S.C.	Marte M.A.M.	B 54/5, 477-485 (1992)	03.65B
Tünnermann A.	Momma C.	B 54/3, 234-238 (1992)	42.55	Zou Y.H.	Ren C.X.	A 54/3, 303-307 (1992)	74.75
Tzolov V.P.	Stankov K.A.	B 54/4, 303-306 (1992)	42.65	Zucker D.M.	Gong Q.	B 54/2, 181-183 (1992)	42.70F
Ugolini D.	Ugolini D.	A 54/1, 57-60 (1992)	79.20	Zulehner W.	Mills Jr. A.P.	A 54/1, 22-25 (1992)	78.70B
Umemura F.	Kokai F.	A 54/4, 340-342 (1992)	81.40	Zverkova I.I.	Tietze-Jaensch H.	A 54/1, 19-21 (1992)	61.12D
Umemura K.	Umemura K.	A 54/2, 115-119 (1992)	29.25C	Zweig A.D.	Sedykh V.	A 54/6, 497-499 (1992)	74.70V
					Zweig A.D.	B 54/1, 76-82 (1992)	81.60J



